

L Number	Hits	Search Text	DB	Time stamp
13	69	(US-5545923-\$ or US-6207476-\$ or US-6057596-\$ or US-5798571-\$ or US-5895968-\$ or US-6384476-\$ or US-5672911-\$ or US-5592025-\$ or US-5490324-\$ or US-6232650-\$ or US-6107679-\$ or US-5731631-\$ or US-5825084-\$ or US-5581122-\$ or US-5650660-\$ or US-5016085-\$ or US-4513355-\$ or US-5468999-\$ or US-5691568-\$ or US-6310398-\$ or US-6281580-\$ or US-6225702-\$ or US-6225690-\$ or US-6163071-\$ or US-6137062-\$ or US-6064113-\$).did. or (US-6043559-\$ or US-6008534-\$ or US-5982632-\$ or US-5686699-\$ or US-5714801-\$ or US-5847936-\$ or US-5990547-\$ or US-5640048-\$ or US-5625225-\$ or US-6384485-\$ or US-6137168-\$ or US-5686764-\$ or US-6034427-\$ or US-6225694-\$ or US-6008536-\$ or US-5309024-\$ or US-5923540-\$ or US-5291062-\$ or US-6175152-\$ or US-6359341-\$ or US-6448639-\$ or US-6489574-\$ or US-6465882-\$ or US-6403896-\$ or US-6400576-\$ or US-6198635-\$ or US-6157085-\$).did. or (US-6426686-\$ or US-5307237-\$ or US-6479758-\$ or US-6225143-\$ or US-5952726-\$ or US-5583377-\$ or US-5894410-\$ or US-6495911-\$ or US-5925925-\$ or US-6452262-\$).did. or (US-20010013654-\$ or US-20020079572-\$ or US-20020190361-\$ or US-20020185734-\$ or US-20020034066-\$).did. or (US-6020637-\$).did.	USPAT; US-PGPUB; DERWENT	2004/01/28 08:10
14	5	("5488542"   "5863815"   "5962925"   "6081026"   "6239485").PN.	USPAT	2004/01/28 08:14
15	4	6384485.URPN.	USPAT	2004/01/28 08:14
16	0	6225690.URPN.	USPAT	2004/01/28 08:16
17	14	("4875087"   "5036163"   "5089878"   "5625225"   "5640048"   "5708296"   "5714801"   "5763947"   "5847936"   "5886406"   "5898217"   "5990547"   "6008534"   "6064113").PN.	USPAT	2004/01/28 08:16
18	13	6008534.URPN.	USPAT	2004/01/28 08:17
19	21	6198635.URPN.	USPAT	2004/01/28 08:18
20	0	6531932.URPN.	USPAT	2004/01/28 08:21
21	9	("3593174"   "4362899"   "5376588"   "5696027"   "5952726"   "6048753"   "6064113"   "6111756"   "6198635").PN.	USPAT	2004/01/28 08:21
22	13	("4598166"   "5450290"   "5475264"   "5477933"   "5741729"   "5790384"   "5952726"   "5953213"   "5994766"   "6008534"   "6064113"   "6075710"   "6111756").PN.	USPAT	2004/01/28 08:23
23	22	5475264.URPN.	USPAT	2004/01/28 08:25
24	2	("4721831"   "4954877").PN.	USPAT	2004/01/28 08:27
25	13	("4598166"   "5450290"   "5475264"   "5477933"   "5741729"   "5790384"   "5952726"   "5953213"   "5994766"   "6008534"   "6064113"   "6075710"   "6111756").PN.	USPAT	2004/01/28 08:27
26	5	("5708296"   "5714801"   "5763947"   "5847936"   "5898217").PN.	USPAT	2004/01/28 08:28
27	41	5847936.URPN.	USPAT	2004/01/28 08:29
28	6	("5191174"   "5400220"   "5450283"   "5535101"   "5598036"   "5615477").PN.	USPAT	2004/01/28 08:32
29	33	5191174.URPN.	USPAT	2004/01/28 08:48
30	0	6459045.URPN.	USPAT	2004/01/28 08:50
31	6	("4498122"   "4799128"   "5191174"   "5410107"   "5841686"   "6229095").PN.	USPAT	2004/01/28 08:50

32	6	("4498122"   "4799128"   "5191174"   "5410107"   "5841686"   "6229095").PN.	USPAT	2004/01/28 08:52
33	6	("5191174"   "5400220"   "5450283"   "5535101"   "5598036"   "5615477").PN.	USPAT	2004/01/28 10:41
34	14	("4875087"   "5036163"   "5089878"   "5625225"   "5640048"   "5708296"   "5714801"   "5763947"   "5847936"   "5886406"   "5898217"   "5990547"   "6008534"   "6064113").PN.	USPAT	2004/01/28 10:52

L Number	Hits	Search Text	DB	Time stamp
4	510	(cpu cpus (central adj processing adj units)) same (control nearl chip)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/01/27 13:56
5	147	((cpu cpus (central adj processing adj units)) same (control nearl chip)) and power and (ground grounded) and signal	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/01/27 13:55
6	90	((cpu cpus (central adj processing adj units)) same (control nearl chip)) and power and (ground grounded) and signal) and pins	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/01/27 13:48
7	19	((cpu cpus (central adj processing adj units)) same (control nearl chip)) and power and (ground grounded) and signal) and pins) and pentium	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/01/27 13:52
8	10	((cpu cpus (central adj processing adj units)) same (control nearl chip)) and power and (ground grounded) and signal) and (layout near structure)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/01/27 13:53
9	2	((cpu cpus (central adj processing adj units)) same (control nearl chip)) and (power adj layer) and ((ground grounded)adj layer) and (signal adj layer)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/01/27 13:55
10	2	((cpu cpus (central adj processing adj units)) same (control nearl chip)) and (power adj layer) and (signal adj layer)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/01/27 13:56
11	1527	(cpu cpus (central adj processing adj unit)) and (control nearl chip)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/01/27 13:59
12	2	((cpu cpus (central adj processing adj unit)) and (control nearl chip)) and (power adj layer) and (signal adj layer)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/01/27 13:56
13	11	(cpu cpus (central adj processing adj unit)) and (north near bridge adj control)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/01/27 14:11
14	98	CHANG-NAI-SHUNG	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/01/27 14:12
15	29	CHANG-NAI-SHUNG and (pcb (printed adj circuit adj board))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/01/27 14:13

L Number	Hits	Search Text	DB	Time stamp
1	472	700/1	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/01/28 08:00
2	682	700/2	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/01/28 08:00
3	235	700/5	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/01/28 08:01
4	149	700/7	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/01/28 08:01
5	1071	700/9	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/01/28 08:01
6	346	700/19	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/01/28 08:01
7	2452	700/1 700/2 700/5 700/7 700/9 700/19	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/01/28 08:01
8	147064	(cpu cpus (central adj processing adj unit)) with control	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/01/28 08:03
9	445	(700/1 700/2 700/5 700/7 700/9 700/19) and ((cpu cpus (central adj processing adj unit)) with control)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/01/28 08:03
10	53	((700/1 700/2 700/5 700/7 700/9 700/19) and ((cpu cpus (central adj processing adj unit)) with control)) and power and (ground grounding grounded) and signal	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/01/28 08:04
11	8	((700/1 700/2 700/5 700/7 700/9 700/19) and ((cpu cpus (central adj processing adj unit)) with control)) and power and (ground grounding grounded) and signal) and (pcb (printed adj circuit adj board) (wiring adj board))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/01/28 08:05
12	15	((700/1 700/2 700/5 700/7 700/9 700/19) and ((cpu cpus (central adj processing adj unit)) with control)) and power and (ground grounding grounded) and signal) and (pcb (printed adj circuit adj board) (wiring adj board) substrate)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/01/28 08:05
-	510	(cpu cpus (central adj processing adj units)) same (control near1 chip)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/01/27 13:56
-	147	((cpu cpus (central adj processing adj units)) same (control near1 chip)) and power and (ground grounded) and signal	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/01/27 13:55
-	90	((cpu cpus (central adj processing adj units)) same (control near1 chip)) and power and (ground grounded) and signal) and pins	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/01/27 13:48
-	19	((cpu cpus (central adj processing adj units)) same (control near1 chip)) and power and (ground grounded) and signal) and pins) and pentium	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/01/27 13:52

-	10	((cpu cpus (central adj processing adj units)) same (control near1 chip)) and power and (ground grounded) and signal) and (layout near structure)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/01/28 08:03
-	2	((cpu cpus (central adj processing adj units)) same (control near1 chip)) and (power adj layer) and ((ground grounded)adj layer) and (signal adj layer)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/01/27 13:55
-	2	((cpu cpus (central adj processing adj units)) same (control near1 chip)) and (power adj layer) and (signal adj layer)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/01/27 13:56
-	1527	(cpu cpus (central adj processing adj unit)) and (control near1 chip)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/01/28 08:02
-	2	((cpu cpus (central adj processing adj unit)) and (control near1 chip)) and (power adj layer) and (signal adj layer)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/01/27 13:56
-	11	(cpu cpus (central adj processing adj unit)) and (north near bridge adj control)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/01/27 14:11
-	98	CHANG-NAI-SHUNG	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/01/27 14:12
-	29	CHANG-NAI-SHUNG and (pcb (printed adj circuit adj board))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/01/27 14:13

L Number	Hits	Search Text	DB	Time stamp
13	69	(US-5545923-\$ or US-6207476-\$ or US-6057596-\$ or US-5798571-\$ or US-5895968-\$ or US-6384476-\$ or US-5672911-\$ or US-5592025-\$ or US-5490324-\$ or US-6232650-\$ or US-6107679-\$ or US-5731631-\$ or US-5825084-\$ or US-5581122-\$ or US-5650660-\$ or US-5016085-\$ or US-4513355-\$ or US-5468999-\$ or US-5691568-\$ or US-6310398-\$ or US-6281580-\$ or US-6225702-\$ or US-6225690-\$ or US-6163071-\$ or US-6137062-\$ or US-6064113-\$).did. or (US-6043559-\$ or US-6008534-\$ or US-5982632-\$ or US-5686699-\$ or US-5714801-\$ or US-5847936-\$ or US-5990547-\$ or US-5640048-\$ or US-5625225-\$ or US-6384485-\$ or US-6137168-\$ or US-5686764-\$ or US-6034427-\$ or US-6225694-\$ or US-6008536-\$ or US-5309024-\$ or US-5923540-\$ or US-5291062-\$ or US-6175152-\$ or US-6359341-\$ or US-6448639-\$ or US-6489574-\$ or US-6465882-\$ or US-6403896-\$ or US-6400576-\$ or US-6198635-\$ or US-6157085-\$).did. or (US-6426686-\$ or US-5307237-\$ or US-6479758-\$ or US-6225143-\$ or US-5952726-\$ or US-5583377-\$ or US-5894410-\$ or US-6495911-\$ or US-5925925-\$ or US-6452262-\$).did. or (US-20010013654-\$ or US-20020079572-\$ or US-20020190361-\$ or US-20020185734-\$ or US-20020034066-\$).did. or (US-6020637-\$).did.	USPAT; US-PGPUB; DERWENT	2004/01/28 08:10
14	5	("5488542"   "5863815"   "5962925"   "6081026"   "6239485").PN.	USPAT	2004/01/28 08:14
15	4	6384485.URPN.	USPAT	2004/01/28 08:14
16	0	6225690.URPN.	USPAT	2004/01/28 08:16
17	14	("4875087"   "5036163"   "5089878"   "5625225"   "5640048"   "5708296"   "5714801"   "5763947"   "5847936"   "5886406"   "5898217"   "5990547"   "6008534"   "6064113").PN.	USPAT	2004/01/28 08:16
18	13	6008534.URPN.	USPAT	2004/01/28 08:17
19	21	6198635.URPN.	USPAT	2004/01/28 08:18
20	0	6531932.URPN.	USPAT	2004/01/28 08:21
21	9	("3593174"   "4362899"   "5376588"   "5696027"   "5952726"   "6048753"   "6064113"   "6111756"   "6198635").PN.	USPAT	2004/01/28 08:21
22	13	("4598166"   "5450290"   "5475264"   "5477933"   "5741729"   "5790384"   "5952726"   "5953213"   "5994766"   "6008534"   "6064113"   "6075710"   "6111756").PN.	USPAT	2004/01/28 08:23
23	22	5475264.URPN.	USPAT	2004/01/28 08:25
24	2	("4721831"   "4954877").PN.	USPAT	2004/01/28 08:27
25	13	("4598166"   "5450290"   "5475264"   "5477933"   "5741729"   "5790384"   "5952726"   "5953213"   "5994766"   "6008534"   "6064113"   "6075710"   "6111756").PN.	USPAT	2004/01/28 08:27
26	5	("5708296"   "5714801"   "5763947"   "5847936"   "5898217").PN.	USPAT	2004/01/28 08:28
27	41	5847936.URPN.	USPAT	2004/01/28 08:29
28	6	("5191174"   "5400220"   "5450283"   "5535101"   "5598036"   "5615477").PN.	USPAT	2004/01/28 08:32
29	33	5191174.URPN.	USPAT	2004/01/28 08:48
30	0	6459045.URPN.	USPAT	2004/01/28 08:50
31	6	("4498122"   "4799128"   "5191174"   "5410107"   "5841686"   "6229095").PN.	USPAT	2004/01/28 08:50

32	6	("4498122"   "4799128"   "5191174"   "5410107"   "5841686"   "6229095").PN.	USPAT	2004/01/28 08:52
33	6	("5191174"   "5400220"   "5450283"   "5535101"   "5598036"   "5615477").PN.	USPAT	2004/01/28 10:41
34	14	("4875087"   "5036163"   "5089878"   "5625225"   "5640048"   "5708296"   "5714801"   "5763947"   "5847936"   "5886406"   "5898217"   "5990547"   "6008534"   "6064113").PN.	USPAT	2004/01/28 10:52
35	22	"5635761"	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/01/28 13:46
36	2	"6495911"	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/01/28 13:47
37	9	"6294407"	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/01/28 13:47
38	38	"5635767"	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/01/28 13:48
39	6	"6177728"	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/01/28 13:49
40	2	"6611419"	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/01/28 13:50
41	78	"5635761" "6495911" "6294407" "5635767" "6177728" "6611419"	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/01/28 13:50
42	0	6495911.URPN.	USPAT	2004/01/28 13:51
43	2	("5925925"   "6359341").PN.	USPAT	2004/01/28 13:51
44	0	200211207.URPN.	USPAT	2004/01/28 13:52
45	0	6671947.URPN.	USPAT	2004/01/28 13:53
46	33	("3577037"   "3648131"   "4074342"   "4125933"   "4349862"   "4394712"   "4811082"   "4837123"   "4866507"   "5063177"   "5136471"   "5191224"   "5191404"   "5258648"   "5413489"   "5424920"   "5473120"   "5485039"   "5529950"   "5530288"   "5574630"   "5623160"   "5635767"   "5640049"   "5644167"   "5719438"   "5776829"   "5777383"   "5790384"   "5828106"   "5986338"   "6052287"   "6175160").PN.	USPAT	2004/01/28 13:53
47	29	5635767.URPN.	USPAT	2004/01/28 13:54
48	14	5786630.URPN.	USPAT	2004/01/28 13:56
49	5	("5508938"   "5608261"   "5635761"   "5635767"   "5654590").PN.	USPAT	2004/01/28 13:57
50	3	("4811082"   "5093587"   "5412539").PN.	USPAT	2004/01/28 13:57
51	5	("5508938"   "5608261"   "5635761"   "5635767"   "5654590").PN.	USPAT	2004/01/28 13:58
52	34	5574630.URPN.	USPAT	2004/01/28 13:58
53	9	("4496793"   "4654248"   "4814945"   "4921054"   "4943468"   "5574630"   "5830374"   "5900675"   "5919329").PN.	USPAT	2004/01/28 14:00
54	5	6329603.URPN.	USPAT	2004/01/28 14:01
55	12	("4496793"   "4654248"   "4821007"   "4933045"   "5108562"   "5126016"   "5153986"   "5192581"   "5280414"   "5396034"   "5442144"   "5483421").PN.	USPAT	2004/01/28 14:03
56	0	6665194.URPN.	USPAT	2004/01/28 14:05

57	10	("5222014"   "5614766"   "5712769"   "5801072"   "5847936"   "5973930"   "5994166"   "6150724"   "6239385"   "6294407").PN.	USPAT	2004/01/28 14:05
58	2	6399896.URPN.	USPAT	2004/01/28 14:07
59	25	("4064623"   "4413308"   "4811165"   "5059129"   "5060844"   "5187020"   "5244142"   "5248853"   "5329423"   "5431328"   "5473119"   "5703331"   "5759047"   "5790377"   "5834848"   "5900674"   "5938454"   "5945203"   "5956235"   "6050832"   "6108210"   "6126456"   "6165817"   "6177728"   "6191952").PN.	USPAT USPAT	2004/01/28 14:07
60	25	("4064623"   "4413308"   "4811165"   "5059129"   "5060844"   "5187020"   "5244142"   "5248853"   "5329423"   "5431328"   "5473119"   "5703331"   "5759047"   "5790377"   "5834848"   "5900674"   "5938454"   "5945203"   "5956235"   "6050832"   "6108210"   "6126456"   "6165817"   "6177728"   "6191952").PN.	USPAT	2004/01/28 14:09
61	763	((substrate pcb pwb ((circuit wiring) adj board)) with ((ground grounding power) near1 (layer plane)) with (signal near1 (plane layer)))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/01/28 15:14
62	28	((substrate pcb pwb ((circuit wiring) adj board)) with ((ground grounding power) near1 (layer plane)) with (signal near1 (plane layer))) and interposer	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/01/28 14:58
63	220	((substrate pcb pwb ((circuit wiring) adj board)) with ((ground grounding power) near1 (layer plane)) with (signal near1 (plane layer))) and (flipchip (flip adj chip) bga (solder adj (ball bump)))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/01/28 15:15



64	213	((substrate pcb pwb ((circuit wiring) adj board)) with ((ground grounding power) near1 (layer plane)) with (signal near1 (plane layer))) and (flipchip (flip adj chip) bga (solder adj (ball bump)))) not ((US-5545923-\$ or US-6207476-\$ or US-6057596-\$ or US-5798571-\$ or US-5895968-\$ or US-6384476-\$ or US-5672911-\$ or US-5592025-\$ or US-5490324-\$ or US-6232650-\$ or US-6107679-\$ or US-5731631-\$ or US-5825084-\$ or US-5581122-\$ or US-5650660-\$ or US-5016085-\$ or US-4513355-\$ or US-5468999-\$ or US-5691568-\$ or US-6310398-\$ or US-6281580-\$ or US-6225702-\$ or US-6225690-\$ or US-6163071-\$ or US-6137062-\$ or US-6064113-\$).did. or (US-6043559-\$ or US-6008534-\$ or US-5982632-\$ or US-5686699-\$ or US-5714801-\$ or US-5847936-\$ or US-5990547-\$ or US-5640048-\$ or US-5625225-\$ or US-6384485-\$ or US-6137168-\$ or US-5686764-\$ or US-6034427-\$ or US-6225694-\$ or US-6008536-\$ or US-5309024-\$ or US-5923540-\$ or US-5291062-\$ or US-6175152-\$ or US-6359341-\$ or US-6448639-\$ or US-6489574-\$ or US-6465882-\$ or US-6403896-\$ or US-6400576-\$ or US-6198635-\$ or US-6157085-\$).did. or (US-6426686-\$ or US-5307237-\$ or US-6479758-\$ or US-6225143-\$ or US-5952726-\$ or US-5583377-\$ or US-5894410-\$ or US-6495911-\$ or US-5925925-\$ or US-6452262-\$).did. or (US-20010013654-\$ or US-20020079572-\$ or US-20020190361-\$ or US-20020185734-\$ or US-20020034066-\$).did. or (US-6020637-\$).did.)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/01/28 15:15
65	0	6617196.URPN.	USPAT	2004/01/28 15:18
66	3	("5966630"   "6014586"   "6121681").PN.	USPAT	2004/01/28 15:18
67	0	6566167.URPN.	USPAT	2004/01/28 15:21
68	1	"6133805".PN.	USPAT	2004/01/28 15:21
69	0	6452266.URPN.	USPAT	2004/01/28 15:24
70	3	("5691570"   "5966630"   "6121681").PN.	USPAT	2004/01/28 15:24
71	0	20020156538.URPN.	USPAT	2004/01/28 15:39
72	43	"5847936"	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/01/28 15:47
73	6	("5191174"   "5400220"   "5450283"   "5535101"   "5598036"   "5615477").PN.	USPAT	2004/01/28 15:49
74	13	6084779.URPN.	USPAT	2004/01/28 15:53
75	0	6653574.URPN.	USPAT	2004/01/28 15:55
76	6	("5396397"   "5744758"   "5926377"   "6084779"   "6215372"   "6215649").PN.	USPAT	2004/01/28 15:55

L Number	Hits	Search Text	DB	Time stamp
3	2	"20030141585"	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/01/30 08:15
4	1	"20030141585" and (first adj signal adj line)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/01/30 08:30
5	1	"20030141585" and (second adj signal adj line)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/01/30 08:34
6	2	"20030141585" and refer	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/01/30 08:35